

FORM PTO-1449

INFORMATION DISCLOSURE  
CITATION IN AN APPLICATION

DOCKET NUMBER

NPW 315

APPLICATION NUMBER

09/893,357

APPLICANTS

ANTHONY J. DICKMAN, DAVID J. EDLUND  
and THOMAS G. HERRON

FILING DATE

June 26, 2001

GROUP ART UNIT



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
JO	3,469,944	9/30/1969	Bocard et al.			
	3,920,416	11/18/1975	Houseman			
	3,955,941	5/11/1976	Houseman et al.			
	3,982,910	9/28/1976	Houseman et al.			
	4,003,343	1/18/1977	Lee			
	4,098,959	7/4/1978	Fanciullo			
	4,098,960	7/4/1978	Gagnon			
	4,127,393	11/28/1978	Timmins et al.			
	4,134,739	1/16/1979	Gulden et al.			
	4,238,403	12/9/1980	Pinto			
	4,302,177	11/24/1981	Fankhanel et al.			
	4,349,613	9/14/1982	Winsel			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
WO 99/65097	12/1999	WIPO			X

## OTHER DOCUMENTS

	English abstract of Japanese Patent No. 7057758, 1995. —

EXAMINER

DATE CONSIDERED

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YO	4,381,641	5/3/1983	Madgavkar et al.			
	4,387,434	6/7/1983	Moncrief, Jr. et al.			
	4,400,182	8/23/1983	Davies et al.			
	4,444,158	4/24/1984	Yoon			
	4,466,253	8/21/1984	Jaster			
	4,473,622	9/25/1984	Chludzinski et al.			
	4,533,607	8/6/1985	Sederquist			
	4,567,857	2/4/1986	Houseman et al.			
	4,642,273	2/10/1987	Sasaki			
	4,657,828	4/14/1987	Tajima			
	4,659,634	4/21/1987	Struthers			
JD	4,670,359	6/2/1987	Beshty et al.			

## FOREIGN PATENT DOCUMENTS

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
<i>JO</i>	4,788,004	11/29/1988	Pinto et al.			
	4,838,897	6/13/1989	Amano et al.			
	4,880,040	11/14/1989	Pierson et al.			
	5,344,721	9/6/1994	Sonai et al.			
	5,458,857	10/17/1995	Collins et al.			
	5,616,430	4/1/1997	Aoyama			
	5,637,414	6/10/1997	Inoue et al.			
	5,639,431	6/17/1997	Shirasaki et al.			
	5,658,681	8/19/1997	Sato et al.			
	5,677,073	10/14/1997	Kawatsu			
	5,714,276	2/3/1998	Okamoto			
<i>JO</i>	5,780,179	7/14/1998	Okamoto			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO

## OTHER DOCUMENTS


EXAMINER

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
JO	5,798,186	8/25/1998	Fletcher et al.			
JO	5,833,723	11/10/1998	Kuwabara et al.			
JO	5,861,137	1/19/1999	Edlund			
JO	5,997,594	12/7/1999	Edlund et al.			
	6,042,956	3/28/2000	Lenel			
	6,045,772	4/4/2000	Szydlowski et al.			
	6,045,933	4/4/2000	Okamoto			
	6,103,411	8/15/2000	Matsubayashi et al.			
	6,165,633	12/26/2000	Negishi			
	6,171,574	1/9/2001	Juda et al.			
	6,190,623	2/20/2001	Sanger et al.			
JO	6,221,117	4/24/2001	Edlund et al.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO

## OTHER DOCUMENTS

EXAMINER	DATE CONSIDERED
<i>[Signature]</i>	6/04

